

Model		9K	12K	9K	12K	18K	24K	
PATRIOT MODELS	Outdoor Unit		COU-D09HBR1-AA01-K0	COU-D12HBR1-AA01-K0	COU-D09HNR1-AA01-K0	COU-D12HNR1-AA01-K0	COU-D18HNR1-A01-K5	COU-D24HNR1-A01-H5
	Indoor Unit		CCG-D09HBR1-GSA-K0	CCG-D12HBR1-GSB-K0	CCG-D09HNR1-GSA-K0	CCG-D12HNR1-GSB-K0	CCG-V18HNR1-GSC-K5	CCG-D24HNR1-GSD-H5
Indoor power supply		V/Ph/Hz	115-1-60		208/230-1-60			
Cooling	Capacity	Tons	0.8	1.0	0.8	1.0	1.5	2.0
		Btu/h	9000	11500	9000	11500	17800	23000
	EER		11.00	11.00	11.20	10.50	11.00	10.00
	SEER		19.0	19.0	19.0	20.0	19.0	17.5
Heating	Capacity @ 47°F	Btu/h	9000	12000	9500	11800	18000	24000
	Capacity @ 17°F	Btu/h	7000	9000	7000	9000	11500	17800
	Capacity MIN - MAX	Btu/h	3000~11500	3800~13500	3000~11500	3800~13500	6200~19000	8500~24500
	COP @ 47°F	W/W	3.30	3.20	3.30	3.50	3.30	3.15
	HSPF		10.0	10.50	10.4	11.40	10.50	9.50
Energy Star			NO	NO	NO	NO	NO	NO
Compressor	Type		DC/Rotary	DC/Rotary	DC/Rotary	DC/Rotary	DC/Rotary	DC/Rotary
	Model		ASN98D22UFZ	ASN98D22UFZ	KSN98D22UFZ	KSN98D22UFZ	KSN140D21UFZ	KTM240D43UMT
	Brand		GMCC	GMCC	GMCC	GMCC	GMCC	GMCC
Outdoor fan motor	Type		DC	DC	DC	DC	DC	DC
	Model		DRN-310-34-8-1	DRN-310-34-8-1	DRN-310-34-8-1	DRN-310-34-8-1	DRN-310-34-8-3	DRN-310-75-8
	Brand		Weiling	Weiling	Weiling	Weiling	Weiling	Weiling
	Power output	W	34	34	34	34	34	75
	Capacitor	μF	-	-	-	-	-	-
	Speed	r/min	800	850	800	850	850	850
	Insulation class		E	E	E	E	E	E
Outdoor coil	Number of rows		1	1	1	1	2	2
	Fin type		Hydrophilic	Hydrophilic	Hydrophilic	Hydrophilic	Hydrophilic	Hydrophilic
	Tube type		inner grooved	inner grooved	inner grooved	inner grooved	inner grooved	inner grooved
Refrigerant type			R410A	R410A	R410A	R410A	R410A	R410A
Throttle part			Capillary	Capillary	Capillary	Capillary	EXV	EXV
Indoor fan motor	Model		DR-310-13-8	DR-310-13-8	DR-310-13-8	DR-310-13-8	YDK-26-4P2	DR-310-58-8
	Brand		Weiling	Weiling	Weiling	Weiling	lvzhi	Weiling
	Power output	W	13	13	13	13	30	58
	Capacitor	μF	-	-	-	-	2	-
	Insulation class		E	E	E	E	E	E
Indoor coil	Number of rows		2	2	2	2	2	

Indoor coil		Tube type		inner grooved	inner grooved	inner grooved	inner grooved	inner grooved	inner grooved
Outdoor air flow			CFM	1088	1176	1088	1176	1653	1853
Indoor air flow			CFM	300	380	300	380	530	680
Outdoor noise	power level	dB(A)		51	53	51	53	55	57
	pressure level			40	42	40	42	44	45
Indoor noise	power level (H)	dB(A)		39	42	39	42	45	48
Outdoor unit	Dimension(W*H*D)	mm		735×475×250	735×475×250	735×475×250	735×475×250	790×520×280	848*670×345
		in		28.94×18.7×9.84	28.94×18.7×9.84	28.94×18.7×9.84	28.94×18.7×9.84	31.10×20.47×11.02	33.39×26.38×13.58
	Packing(W*H*D)	mm		850×550×350	850×550×350	850×550×350	850×550×350	920×600×380	975×770×435
		in		33.46×21.65×13.78	33.46×21.65×13.78	33.46×21.65×13.78	33.46×21.65×13.78	36.22×23.62×14.96	38.39×30.31×17.13
	Net/Gross weight	kg		25/28	25/28	25/28	25/28	33/37	41/45
	lbs		55.1/61.7	55.1/61.7	55.1/61.7	55.1/61.7	72.8/81.6	90.4/99.2	
Indoor unit	Dimension(W*H*D)	mm		715×295×198	864×300×200	715×295×198	864×300×200	972×320×215	1080×226×335
		in		28.15×11.61×7.8	34.02×11.81×7.87	28.15×11.61×7.8	34.02×11.81×7.87	38.27×12.6×8.46	42.52×8.9×13.19
	Packing(W*H*D)	mm		800×380×290	950×380×290	800×380×290	950×380×290	1070×410×310	1155×415×315
		in		31.5×14.96×11.42	37.4×14.96×11.42	31.5×14.96×11.42	37.4×14.96×11.42	42.13×16.14×12.2	45.47×16.34×12.4
	Net/Gross weight	kg		8.5/11.0	9.5/12.5	8.5/11.0	9.5/12.5	11.5/14.5	14.5/18.1
	lbs		18.7/24.3	20.9/27.6	18.7/24.3	20.9/27.6	25.4/32	32.0/40.0	
Refrigerant piping	Liquid side/Gas side	mm		Φ6.35-Φ9.52	Φ6.35-Φ9.52	Φ6.35-Φ9.52	Φ6.35-Φ9.52	Φ6.35-Φ12.7	Φ9.52-Φ15.88
		in		1/4-3/8	1/4-3/8	1/4-3/8	1/4-3/8	1/4-1/2	3/8-5/8
	Max. pipe length	ft (m)		49 (15)	49 (15)	49 (15)	49 (15)	66 (20)	66 (20)
	Max. high drop	ft (m)		16 (5)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)
Ambient temp	cooling	°F		58-122	58-122	58-122	58-122	58-122	58-122
	heating	°F		0-86	0-86	0-86	0-86	0-86	0-86
Operation temp	cooling	°C		16-32	16-32	16-32	16-32	16-32	16-32
	heating	°C		16-32	16-32	16-32	16-32	16-32	16-32
Stuffing Quantity(20'/40'/40'HQ)			set						